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ELAC2

Reactivity: Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW:92kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ELAC2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ELC2; HPC2; COXPD17;

Catalog #:A7128

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:60528

Isotype: IgG

Swiss Prot:Q9BQ52

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene has a C-terminal domain with tRNA 3′ processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box H1 (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

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